

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A drug solution injector comprising:

a drug solution reservoir having a chamber for storing a drug solution therein
and a pressurization mechanism for continually discharging the stored drug solution to the
outside; and

an injection line connected to the drug solution reservoir to inject the drug
solution into the body;

~~characterized in that said drug solution reservoir is fixedly provided with~~
being secured to a weighing scale for measuring a weight of the drug solution stored in the
drug solution reservoir;

said drug solution injector being manually held with said drug solution
reservoir being inverted to extend downwardly for enabling the weight of the drug solution
stored in the drug solution reservoir to be visually determined by the weighing scale along a
predetermined length of the injection line connected to the drug solution reservoir.

2. (Original) The drug solution injector according to claim 1, wherein the
drug solution reservoir is a balloon composed of an elastic material.

3. (Currently Amended) The drug solution injector according to claim 1,
wherein the weighing scale comprises an elastic body fixed at one end thereof to the drug

solution reservoir, ~~said weighing scale and is the one that~~ measures the displacement of the elastic body to determine the weight of the drug solution contained in the drug solution reservoir.

4. (Original) The drug solution injector according to claim 3, wherein the elastic body is extensible in the direction substantially parallel to the axial direction of the injection line.

5. (Original) The drug solution injector according to claim 3, wherein the elastic body is a coil spring and wherein the coil spring is arranged so that the injection line passes through the coil of the spring, the spring being fixed at one end thereof to the drug solution reservoir or injection line, said injection line being marked with a scale in the axial direction of the injection line to determine a length of expansion and contraction of the spring.

6. (Original) The drug solution injector according to claim 3, wherein the elastic body is provided with a holding portion on the other end opposite to one end fixed to the drug solution reservoir.

7. (Original) The drug solution injector according to claim 1, further comprising a housing to protect the drug solution reservoir.

8. (New) A drug solution injector comprising:

a drug solution reservoir having a chamber for storing a drug solution therein and a pressurization mechanism for continually discharging the stored drug solution to the outside; and

an injection line connected to the drug solution reservoir to inject the drug solution into the body; and

a weighing scale including a coil spring fixed at one end thereof to the drug solution reservoir or the injection line, said weighing scale measures the displacement of the coil spring to determine the weight of the drug solution contained in the drug solution reservoir;

said coil spring being arranged so that the injection line passes through a coil of the coil spring wherein said injection line is marked with a scale in an axial direction of the injection line to determine a length of expansion and contraction of the spring.

9. (New) The drug solution injector according to claim 8, wherein the coil spring is provided with a holding portion on the other end opposite to one end fixed to the drug solution reservoir.

10. (New) The drug solution injector according to claim 8, further comprising a housing to protect the drug solution reservoir.

11. (New) The drug solution injector according to claim 8, wherein the drug solution reservoir is a balloon composed of an elastic material.
12. (New) The drug solution injector according to claim 8, wherein the coil spring is extensible in the direction substantially parallel to the axial direction of the injection line.